

**State of Missouri
Department of Natural Resources
Air Pollution Control Program**

**COTTON GINNING INSTALLATION
GENERAL AIR QUALITY OPERATING PERMIT/APPLICATION
-- BASIC AND INTERMEDIATE STATE --**

INSTRUCTIONS
for
Option A - Basic State and **Option B** - Intermediate State
Based on Standardized Limits

TABLE OF CONTENTS

What Installations Qualify to Complete This Application?.....	3
Acronyms and Abbreviations.....	3
Application Deadlines.....	4
Section I - General Information.....	4
Section II - Emission Inventory.....	4
Section III - Potential Emissions.....	4
Section III - Potential Emissions, Option A, Basic State Installations	4
Section III - Potential Emissions, Option B, Intermediate State Installations (Based on Standardized Limits).....	4
Section V - Applicant's Certification Statement.....	5
Section VI - General Permit.....	5

WHAT INSTALLATIONS QUALIFY TO COMPLETE THIS APPLICATION?

QUALIFIED APPLICANTS. Cotton ginning installations eligible to obtain an operating permit under Missouri State Rule 10 CSR 10-6.065, Sections (4), Basic State Operating Permits, and (5), Intermediate State Operating Permits, may complete and return the Permit/Application. Installations desiring to obtain an Intermediate General Operating Permit must be willing to accept production/process limits or requirements as conditions of their operating permit in order to restrict potential PM₁₀ (particulate matter less than or equal to 10 microns in aerodynamic diameter) emissions to less than 100 tons per year (tpy). Basic State Installations have existing construction permits limiting potential emissions such that no additional permit conditions are required to restrict potential PM₁₀ emissions to less than 100 tpy.

All Permit/Applications must meet the following requirements:

1. Submit duplicate copies of the Permit/Application.
2. Submit \$100.00 application fee.
3. All signatures must be in ink.
4. When required, provide a completed Emission Inventory Questionnaire (EIQ).

Permit/Applications are incomplete unless all information requested is supplied. Failure to supply any additional information requested by the permitting authority may result in the denial of the Permit/Application.

If you need assistance or have further questions, Contact:

- Missouri Dept. of Natural Resources
Air Pollution Control Program
Operating Permit Unit
Jefferson City, MO 65102-0176
Telephone: (573) 751-4817
P.O. Box 176
Fax: (573) 751-2706
- Missouri Dept. Of Natural Resources
Southeast Regional Office
P.O. Box 1420,
Poplar Bluff, MO 63901
(573) 840-9750
- Technical Assistance Program (TAP)
(800) 361-4827

INTERMEDIATE STATE INSTALLATIONS NOT IN AGREEMENT WITH STANDARDIZED LIMITS. If Option A discussed below in Section III does not apply, note the standardized limits in Section III, Option B below. If you do not desire to agree to these limits; **do not proceed any further.** Contact the Air Pollution Control Program's Operating Permit Unit at (573) 751-4817 to request the Standard Operating Permit package..

ACRONYMS AND ABBREVIATIONS

BTU = British Thermal Units
BTU/HR = British Thermal Units per hour
BU = bushel(s)
BU/YR = bushels per year
CSR = Code of State Regulations
DNR = Department of Natural Resources
EIQ = Emissions Inventory Questionnaire
EPA = Environmental Protection Agency
ER = emission rate
LBS/HR = pounds per hour
LBS/MMBTU/HR = pounds per million British Thermal Units per hour
Gallons/YR = gallons per year
MMBTU/HR = million British Thermal Units per hour
MMCF/YR = million cubic feet per year
MDNR = Missouri Department of Natural Resources
PM = particulate matter
PM₁₀ = particulate matter less than or equal to 10 microns in aerodynamic diameter
Tons/HR = tons per hour
Tons/YR = tons per year
TPY = tons per year

APPLICATION DEADLINES

INTERMEDIATE STATE INSTALLATIONS:

If your installation intends to be classified as an Intermediate State Installation, and actual PM₁₀ emissions as obtained from your latest EIQ are less than 50 tpy, then your application must be filed no later than May 13, 1997.

BASIC STATE INSTALLATIONS:

If your installation intends to be classified as a Basic State Installation, then your application must be filed no later than May 13, 1998. As stated previously, cotton ginning installations with existing construction permits which restrict production and resulting emissions to less 100 tons per year may qualify as basic state installations.

Section I - GENERAL INFORMATION. You will find most of this information on Form 1.0 of your most recently completed EIQ.

DEFINITIONS:

- High pressure process typically include all process up to the battery condenser and lint cleaners.
- Gins with complete controls have 2D-2D or 1D-3D cyclones on all facility exhaust strams.

Section II - EMISSION INVENTORY. If your installation has not previously submitted the annually required Emission Inventory Questionnaire Forms, you need to obtain these forms and submit them with this application. Otherwise, you do not need to submit these forms. Amendments or changes to a previously submitted EIQ must be submitted at the same time as the general operating permit application. The additional EIQ forms must clearly state that they are replacement or additional forms.

Section III - Potential Emissions. Only one of the following options will apply to your installation -- Option A for Basic State Installations or Option B for Intermediate State Installations that agree to standardized receiving or production limits. Attempt to apply Option A first. If Option A does not apply, proceed to Option B.

Option A:

Basic State Installations -- Installations with Potential Emissions Less Than 100 TPY of PM₁₀ by Reason of Construction Permit Production Limits. The installation types and respective annual receiving and production rates noted in the table below are designed to qualify your installation as a Basic State Installation without requiring the use of new or additional process or production limits or pollution control requirements.

Construction Permit Production Limits. If your installation has present **installation-wide** permit limits (as contained in State "Permits to Construct") less than or equal to 27,500 bales per year for your installations, then enter the desired information into the table 1 in Section III Option A. of the application. Also, check the "applicable" box in Section 8.02 of the General Permit (Sect. VI). Proceed to Section IV .

Option B:

Intermediate State Installations -- Potential Emissions Limited to Less Than 100 TPY by Production Limits without Additional Control Devices. The installation types and respective limits noted in the following table are designed to qualify your installation as an Intermediate State Installation. If your installation desires one of the following limits, check the respective limit in Section III Option B of the application and also, check the "Applicable" box in Section 8.01 of the General Permit (Sect. VI). In agreeing to this limit, make sure that it is substantially above your expected peak annual production levels. **Again, as mentioned above, if your installation is not willing to agree to any of the following limits, contact the Operating Permit Unit at (573) 751-4817 and request the standard Permit package .**

Standardized annual limits are as follows:

OPTION B, Table of Standardized Annual Production Rates

Installation Type	Standardized Maximum Production Rates
Cotton gin with no controls or incomplete control on high pressure air	27,500 bales/yr.
Cotton gin with cyclones on high pressure air and screens on low pressure air	60,000 bales/yr.
Cotton gin with complete cyclone controls	75,000 bales/yr.

In addition, if your installation has boilers capable of being fired with fuel oil with combined total heat inputs greater than 14,200,000 BTU's/Hr., it is subject to a 830,000 gallon/yr. fuel oil combustion limit. If this is applicable to your installation, check the appropriate box in both Section III Option B of the Application and Section 6.02 in the General Permit (Sect. VI). If your installation accepts one of the above limits, you are finished with this section of the form -- proceed to Sect. IV - Present Permit Conditions of the application.

Section V - APPLICANT'S CERTIFICATION STATEMENT. A responsible official must sign the document certification. The responsible company official is required to certify to the truth, accuracy, and completeness of the document. The certification must state that :

"Based on information formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete" (emphasis added).

The definition of responsible company official means, for most facilities, that the certification statement must be made by the plant manager or a more senior corporate official. In fact, at some locations, the plant manager can only make the certification if delegation of authority to the plant manager is approved in advance by the permitting authority. Eligible parties to make the certification include:

- a corporate officer
- a person in charge of a principal business function (e.g., a general manager), or
- a plant manager, provided that the plant has at least 250 employees or \$25 million in sales or expenditures (in 1980 dollars) or authority has been delegated.

Knowingly falsifying any document, representation, or certification is a felony under the Clean Air Act; therefore, responsible company officials must take care in preparing the certification, and must ask the proper questions to ensure the accuracy and completeness of the document. The facility shall determine compliance with all applicable requirements annually. The compliance certification shall be submitted by April 1st each year. If the facility is determined to be out of compliance with any applicable requirement a schedule of compliance must also be completed. A blank compliance certification shall be included with the Emission Inventory Questionnaire package.

Section VI - GENERAL PERMIT. Go through the General Permit thoroughly and check the "Not Applicable" box in all subsections (6.01 through 8.04) that do not apply to your installation. If Section 8.01 or 8.02 applies, then you need to check Sections 8.03 and 8.04 as "applicable."

Be sure to check "not applicable" for those rules that do not apply to your area. All Missouri State Rules for your area are applicable.

Please note that in many cases the "Recordkeeping Requirement" for many applicable requirements have been required previously for DNR inspections and inspection reports.